Project Title	Funding	Strategic Plan Objective	Institution
16p11.2: defining the gene(s) responsible	$350,000	Q4.S.B	Cold Spring Harbor Laboratory
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	$0	Q4.S.B	Stanford University
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	$300,000	Q2.S.D	Columbia University
Aberrant synaptic function caused by TSC mutation in autism	$0	Q2.S.D	Columbia University
Accelerating autism research through the Interactive Autism Network	$0	Q7.C	Kennedy Krieger Institute
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	$100,000	Q7.C	Kennedy Krieger Institute
A functional genomic analysis of the cerebral cortex	$85,471	Q2.Other	University of California, Los Angeles
A genome-wide search for autism genes in the Simons Simplex Collection	$1,383,893	Q3.L.B	Yale University
A genome-wide search for autism genes in the SSC Baylor	$0	Q3.L.B	Baylor College of Medicine
A genome-wide search for autism genes in the SSC Brown	$0	Q3.L.B	Brown University
A genome-wide search for autism genes in the SSC CHB	$0	Q3.L.B	Boston Children's Hospital
A genome-wide search for autism genes in the SSC Emory	$0	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC Pittsburgh	$0	Q3.L.B	University of Pittsburgh
A genome-wide search for autism genes in the SSC UCLA	$0	Q3.L.B	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UIC	$0	Q3.L.B	University of Illinois at Chicago
A genome-wide search for autism genes in the SSC Vanderbilt	$0	Q3.L.B	Vanderbilt University Medical Center
Alterations in brain-wide neuroanatomy in autism mouse models	$0	Q2.Other	Cold Spring Harbor Laboratory
A mouse model for human chromosome 7q11.23 duplication syndrome	$49,452	Q4.S.B	University of Toronto
Amygdala in Health and Disease	$1,000	Q7.K	Gordon Research Conferences
Analysis of candidate genes derived from a protein interaction network in SSC samples	$0	Q3.L.B	Baylor College of Medicine
Annual SFARI Meeting	$463,909	Q7.K	N/A
A non-human primate autism model based on maternal infection	$200,000	Q2.S.A	California Institute of Technology
A probiotic therapy for autism	$62,500	Q4.S.B	California Institute of Technology
A recurrent genetic cause of autism	$200,000	Q3.L.B	Massachusetts General Hospital
A sex-specific dissection of autism genetics	$150,000	Q2.S.B	University of California, San Francisco
A study of autism	$162,232	Q2.L.B	University of Pennsylvania

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Atypical architecture of prefrontal cortex in young children with autism	$565,183	Q2.Other	University of California, San Diego
Autism and the insula: Genomic and neural circuits	$506,341	Q2.Other	California Institute of Technology
Autism Consortium	$300,000	Q7.N	Autism Consortium
Autism dysmorphology measure validity study	$0	Q1.S.A	University of Missouri
Autism spectrum disorder and autoimmune disease of mothers	$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Autism spectrum disorders and the visual analysis of human motion	$125,000	Q2.Other	Rutgers, The State University of New Jersey
Behavioral and physiological consequences of disrupted Met signaling	$800,000	Q4.S.B	University of Southern California
Brain-behavior growth charts of altered social engagement in ASD infants	$208,333	Q1.L.A	Yale University
Brain circuitry in simplex autism	$0	Q2.Other	Washington University in St. Louis
Canonical neural computation in autism spectrum disorders	$200,717	Q2.Other	New York University
Cerebellar plasticity and learning in a mouse model of autism	$31,250	Q2.Other	University of Chicago
Characterizing ASD phenotypes by multimedia signal and natural language processing	$339,498	Q1.L.C	Columbia University
Characterizing sleep disorders in autism spectrum disorder	$112,064	Q2.S.E	Stanford University
Cognitive usability evaluation of the SFARI system	$33,054	Q7.O	Columbia University
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	$0	Q3.L.B	Emory University
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	$301,087	Q4.S.B	Massachusetts General Hospital
Coordinated control of synapse development by autism-linked genes	$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Corticothalamic circuit interactions in autism	$50,000	Q2.Other	Boston Children's Hospital
Deficits in tonic inhibition and the pathology of autism spectrum disorders	$31,250	Q4.S.B	Tufts University
Defining cells and circuits affected in autism spectrum disorders	$669,298	Q2.Other	The Rockefeller University
Developing a new model system to study mechanisms of attention control	$60,000	Q4.S.B	Stanford University
Disorders of Synaptic Dysfunction Symposium and Workshop	$5,000	Q7.K	Baylor College of Medicine
Dissecting the circuitry basis of autistic-like behaviors in mice	$350,000	Q4.S.B	Massachusetts Institute of Technology

Project Title	Funding	Strategic Plan Objective	Institution
Dynamics of cortical interactions in autism spectrum disorders	$60,000	Q1.L.A	Cornell University
Early expression of autism spectrum disorder in experimental animals	$54,000	Q2.Other	Neurochlore
Effect of abnormal calcium influx on social behavior in autism	$31,250	Q4.S.B	University of California, San Francisco
Electrophysiological, metabolic and behavioral markers of infants at risk	$395,734	Q1.L.A	Boston Children's Hospital
Executive functioning, theory of mind, and neurodevelopmental outcomes	$0	Q4.L.B	Vanderbilt University Medical Center
Exploring metabolic dysfunction in the brains of people with autism	$59,856	Q2.S.A	George Washington University
Eye movement dynamics in autism spectrum disorders	$42,350	Q2.Other	Carnegie Mellon University
Finding recessive genes for autism spectrum disorders	$361,824	Q3.L.B	Boston Children's Hospital
Functional analysis of EFR3A mutations associated with autism	$31,250	Q2.Other	Yale University
Functional analysis of neurexin IV in Drosophila	$68,652	Q2.Other	University of California, Los Angeles
Functional brain networks in autism and attention deficit hyperactivity disorder	$149,841	Q1.L.B	Oregon Health & Science University
Functional genomic dissection of language-related disorders	$320,076	Q4.S.B	University of Oxford
Function and dysfunction of neuroligins in synaptic circuits	$450,000	Q2.Other	Stanford University
GABA(A) and prenatal immune events leading to autism	$62,500	Q2.S.A	Stanford University
Genetically defined stem cell models of Rett and fragile X syndrome	$175,000	Q2.S.D	Whitehead Institute for Biomedical Research
Genetic basis of autism	$3,332,095	Q3.L.B	Cold Spring Harbor Laboratory
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	$60,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	$74,662	Q3.S.C	Yale University
Genetic studies of autism-related Drosophila neurexin and neuroligin	$550,000	Q2.Other	University of North Carolina at Chapel Hill
Genome-wide analyses of DNA methylation in autism	$200,000	Q3.S.J	Massachusetts General Hospital
Genomic hotspots of autism	$616,368	Q3.L.B	University of Washington
Genomic imbalances at the 22q11 locus and predisposition to autism	$200,000	Q4.S.B	Columbia University
Growth charts of altered social engagement in infants with autism	$0	Q1.L.A	Emory University

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Head-fixed recording of sensory learning in mouse autism models	$60,000	Q2.Other	Princeton University
Hyperthermia and the amelioration of autism symptoms	$0	Q2.S.A	Montefiore Medical Center
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Identification of targets for the neuronal E3 ubiquitin ligase PAM	$60,000	Q2.S.D	Massachusetts General Hospital
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	$92,640	Q2.S.G	Emory University
Illumina, Inc.	$1,471,725	Q3.L.B	Illumina, Inc.
Infrastructure support for autism research at MIT	$1,500,000	Q7.K	Massachusetts Institute of Technology
Integrated approach to the neurobiology of autism spectrum disorders	$116,672	Q4.S.B	Yale University
Integrative genetic analysis of autistic brains	$400,000	Q3.L.B	Johns Hopkins University School of Medicine
International Meeting for Autism Research (IMFAR) Support	$50,000	Q7.K	International Society for Autism Research
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	$62,500	Q4.S.C	University of California, San Francisco
Investigating the effects of chromosome 22q11.2 deletions	$300,000	Q4.S.B	Columbia University
Investigating the etiology of childhood disintegrative disorder	$74,983	Q2.S.F	Yale University
Investigation of social brain circuits in mouse models of the 16p11.2 locus	$87,500	Q2.Other	Cold Spring Harbor Laboratory
Investigation of the role of MET kinase in autism	$0	Q4.S.B	Johns Hopkins University School of Medicine
Language learning in autism	$31,500	Q1.L.C	Georgetown University
Language processing in children with 22q11 deletion syndrome and autism	$0	Q2.S.G	Emory University
Longitudinal neurogenetics of atypical social brain development in autism	$876,490	Q2.S.G	Yale University
Mechanisms of synapse elimination by autism-linked genes	$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Mesocorticolimbic dopamine circuitry in mouse models of autism	$87,337	Q2.S.D	Stanford University
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	$0	Q4.S.B	Massachusetts Institute of Technology
Mindspec, Inc.	$768,400	Q7.Other	Mindspec, Inc.
Misregulation of BDNF in autism spectrum disorders	$0	Q1.L.A	Weill Cornell Medical College
Mitochondria and the etiology of autism	$87,500	Q3.L.B	Children's Hospital of Philadelphia

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Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	$300,000	Q2.S.D	University of Texas Southwestern Medical Center
Neural and cognitive mechanisms of autism	$0	Q4.S.B	Massachusetts Institute of Technology
Neural mechanisms for social cognition in autism spectrum disorders	$112,523	Q2.Other	Massachusetts Institute of Technology
Neurexin-neuroligin trans-synaptic interaction in learning and memory	$200,000	Q2.Other	Columbia University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	$31,022	Q2.S.D	Stanford University
Neuroligin, oxidative stress and autism	$75,000	Q2.Other	Oklahoma Medical Research Foundation
Perinatal choline supplementation as a treatment for autism	$62,500	Q4.S.B	Boston University
Perturbed activity-dependent plasticity mechanisms in autism	$158,034	Q2.Other	Harvard Medical School
Perturbed cortical patterning in autism	$0	Q2.Other	Seattle Children's Hospital
Physical and clinical infrastructure for research on infants at risk for autism	$0	Q1.L.A	Emory University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$219,581	Q1.L.A	Yale University
Probing a monogenic form of autism from molecules to behavior	$187,500	Q2.S.D	Stanford University
Prometheus Research, LLC	$3,392,463	Q7.N	Prometheus Research, LLC
Prosodic and pragmatic processes in highly verbal children with autism	$112,500	Q1.L.C	President & Fellows of Harvard College
Proteome and interaction networks in autism	$31,250	Q2.Other	Harvard Medical School
Quantitative analysis of craniofacial dysmorphology in autism	$69,173	Q1.S.A	University of Massachusetts Medical School
Quantitative proteomic approach towards understanding and treating autism	$112,500	Q2.S.D	Emory University
Recessive genes for autism and mental retardation	$0	Q3.L.B	Beth Israel Deaconess Medical Center
Regulation of synaptogenesis by cyclin-dependent kinase 5	$180,264	Q2.Other	Massachusetts Institute of Technology
Relating copy number variants to head and brain size in neuropsychiatric disorders	$374,659	Q2.S.G	University of California, San Diego
Relevance of NPAS1/3 balance to autism and schizophrenia	$0	Q3.L.B	University of Texas Southwestern Medical Center
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	$250,000	Q2.Other	Massachusetts General Hospital
RNA expression studies in autism spectrum disorders	$500,000	Q1.L.A	Boston Children's Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Role of a novel Wnt pathway in autism spectrum disorders	$600,000	Q4.S.B	University of California, San Francisco
Role of cadherin-8 in the assembly of prefrontal cortical circuits	$31,188	Q4.S.B	Mount Sinai School of Medicine
Role of intracellular mGluR5 in fragile X syndrome and autism	$150,000	Q2.S.D	Washington University in St. Louis
Role of neurexin in the amygdala and associated fear memory	$25,000	Q2.Other	Columbia University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	$51,640	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Role of UBE3A in neocortical plasticity and function	$0	Q4.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	$367,500	Q4.S.B	Duke University
Rutgers, The State University of New Jersey	$5,333,663	Q7.D	Rutgers, The State University of New Jersey
SFARI Conferences, Workshops & Events	$579,228	Q7.Other	N/A
Signatures of gene expression in autism spectrum disorders	$0	Q1.L.A	Boston Children's Hospital
Simons Foundation Simplex Project Collection Site	$159,775	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection Site	$277,643	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection Site	$132,257	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	$124,993	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection Site	$130,000	Q3.L.B	Yale University
Simons Simplex Collection Site	$114,869	Q3.L.B	University of Illinois at Chicago
Simons Simplex Collection Site	$165,584	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	$186,539	Q3.L.B	University of Washington
Simons Simplex Collection Site	$311,075	Q3.L.B	University of Missouri
Simons Simplex Collection Site	$260,000	Q3.L.B	Columbia University
Simons Simplex Collection Site	$256,849	Q3.L.B	Emory University
Simons Simplex Collection Site	$516,490	Q3.L.B	Vanderbilt University
Simons Simplex Collection Site	$402,144	Q3.L.B	University of Michigan
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	$375,000	Q7.C	Kennedy Krieger Institute
Simons Variation in Individual Project (Simons VIP) Core Leader Gift	$8,244	Q2.S.G	Boston Children's Hospital
Simons Variation in Individuals Project (Simons VIP)	$612,679	Q2.S.G	Emory University
Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	$12,980	Q2.S.G	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	$48,731	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	$368,786	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$320,196	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$303,305	Q2.S.G	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	$28,560	Q2.S.G	Harvard University
Simons Variation in Individuals Project (VIP) Principal Investigator	$20,272	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	$66,702	Q2.S.G	Weis Center For Research - Geisinger Clinc
Simons Variation in Individuals Project (VIP) Site	$465,813	Q2.S.G	University of Washington
Simons Variation in Individuals Project (VIP) Site	$406,581	Q2.S.G	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	$509,875	Q2.S.G	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Statistical Core Site	$131,768	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	$0	Q2.S.G	Children's Hospital of Philadelphia
Single-unit recordings from the amygdala in people with autism	$54,000	Q2.S.E	California Institute of Technology
Small-molecule compounds for treating autism spectrum disorders	$350,000	Q4.S.B	University of North Carolina at Chapel Hill
Stimulus-driven attention deficits in autism	$60,000	Q2.Other	University of Minnesota
Studies of postmortem brain searching for epigenetic defects causing autism	$200,000	Q3.S.J	Baylor College of Medicine
Studying the neural development of patient-derived stem cells	$31,250	Q4.S.B	Johns Hopkins University School of Medicine
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$200,000	Q4.S.B	Massachusetts Institute of Technology
Systematic analysis of neural circuitry in mouse models of autism	$74,991	Q4.S.B	Cold Spring Harbor Laboratory
Testing the use of helminth worm ova in treating autism spectrum disorders	$0	Q4.L.A	Montefiore Medical Center
The Brain Genomics Superstruct Project	$0	Q2.L.B	Harvard University
The brain genomics superstruct project	$75,000	Q2.S.G	President & Fellows of Harvard College

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The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	$75,000	Q3.L.B	The Pennsylvania State University
The integration of interneurons into cortical microcircuits	$75,000	Q2.Other	New York University School of Medicine
The mirror neuron system in children with autism	$29,539	Q4.S.F	University of Washington
The role of CNTNAP2 in embryonic neural stem cell regulation	$75,000	Q2.Other	Johns Hopkins University School of Medicine
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	$116,150	Q3.L.B	Johns Hopkins University School of Medicine
The role of glutamate receptor intereacting proteins in autism	$62,500	Q4.S.B	Johns Hopkins University School of Medicine
The role of SHANK3 in autism spectrum disorders	$180,000	Q4.S.B	Mount Sinai School of Medicine
The role of UBE3A in autism	$62,500	Q2.S.D	Harvard Medical School
Transcriptional responsiveness in lymphoblastoid cell lines	$52,863	Q2.Other	University of Pennsylvania
Underlying mechanisms in a cerebellum-dependent model of autism	$0	Q2.S.D	Harvard Medical School
Using Drosophila to model the synaptic function of the autism-linked NHE9	$75,000	Q4.S.B	Massachusetts Institute of Technology
Using fruit flies to map the network of autism-associated genes	$31,249	Q2.Other	University of California, San Diego
Using iPS cells to study genetically defined forms with autism	$100,000	Q4.S.B	Stanford University
Using zebrafish and chemical screening to define function of autism genes	$199,999	Q4.S.B	Whitehead Institute for Biomedical Research
Whole Exome Sequencing of Simons Simplex Trios	$5,656,277	Q3.L.B	Yale University
Whole-exome sequencing to identify causative genes for autism	$350,000	Q3.L.B	University of California, San Diego